

2',5'-Oligoadenylate Synthetase 2 Recombinant Protein | OAS2 recombinant protein

Recombinant 2',5'-Oligoadenylate Synthetase 2 (OAS2)

CATALOG # AAA144136	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Western Blot, SDS-Page
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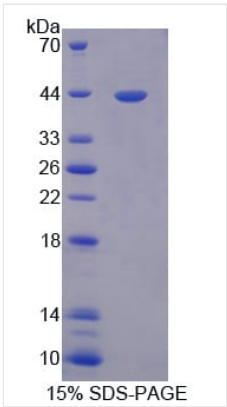
PRODUCT SYNONYMS

2'; 5'-Oligoadenylate Synthetase 2; Recombinant 2'; 5'-Oligoadenylate Synthetase 2 (OAS2); OAS2 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>97%
Form/Format	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	200 ug/mL (varies by lot)
Applicable Applications for OAS2 recombinant protein	Positive Control, WB (Western Blot), SDS-PAGE
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Val11~His346
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm, Endoplasmic reticulum lumen
Traits	Freeze-dried powder
Predicted isoelectric point	6.2
Usage	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

VPAQKLGF	QYLPYEE	QTLIDEMVNT	ICDVLQEPEQ
FPLVQGVAIG	GSYGRKTVLR	GNSDGLVLF	FSDLKQFDDQ
KRSQRDILDK	TGDKLKFCLF	TKWLKNNFEI	QKSLDGFTIQ
VFTKNQRISF	EVLAAFNALS	LNDNPSPWIY	RELKRS�DKT
NASPGFAVC	FTELQQKFFD	NRPGKLDLI	LLIKHWHQOC
QKKIKDLPSL	SPYALELLTV	YAWEQGCRKD	NFDIAEGVRT
VLELIKCEK	LCIYNMNYN	FEDETIRNIL	LHQLQSARPV
ILDPVDPTNN	VSGDKICQW	LKKEAQTWLT	SPNLDNELPA
PSWNVLPAPL	FTTPGH		

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	211910997
Molecular Weight	Predicted Molecular Mass: 42.6kDa Accurate Molecular Mass: 43kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	2',5'-oligoadenylate synthetase 2
UniProt Protein Name	2',5'-oligoadenylate synthetase 2
UniProt Gene Name	OAS2
UniProt Entry Name	B6RC90_PANPA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/oas2-recombinant-protein-e-coli-positive-control-wb-western-blot-sds-page/144136>